

Practical Methods for Programmer Testing

JUnit Recipes

J. B. Rainsberger

with contributions by Scott Stirling



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JUnit Recipes Practical Methods For Programmer Testing

Lisa Crispin, Janet Gregory



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JUnit Recipes: Practical Methods for Programmer Testing J. B. Rainsberger, 2005-06-20 JUnit the unit testing framework for Java is simple to use but some code can be tricky to test When you re facing such code you will be glad to have this book It is a how to reference full of practical advice on all issues of testing from how to name your test case classes to how to test complicated J2EE applications Its valuable advice includes side matters that can have a big payoff like how to organize your test data or how to manage expensive test resources In this book you will find one hundred and thirty seven solutions to a range of problems from simple to complex selected for you by an experienced developer and master tester Each recipe follows the same organization giving you the problem and its background before discussing your options in solving it

JUnit Recipes Scott Stirling, J.B. Rainsberger, 2004-06-30 When testing becomes a developer s habit good things tend to happen good productivity good code and good job satisfaction If you want some of that there s no better way to start your testing habit nor to continue feeding it than with JUnit Recipes In this book you will find one hundred and thirty seven solutions to a range of problems from simple to complex selected for you by an experienced developer and master tester Each recipe follows the same organization giving you the problem and its background before discussing your options in solving it JUnit the unit testing framework for Java is simple to use but some code can be tricky to test When you re facing such code you will be glad to have this book It is a how to reference full of practical advice on all issues of testing from how to name your test case classes to how to test complicated J2EE applications Its valuable advice includes side matters that can have a big payoff like how to organize your test data or how to manage expensive test resources What s Inside Getting started with JUnit Recipes for servlets JSPs EJBs Database code much more Difficult to test designs and how to fix them How testing saves time Choose a JUnit extension HTMLUnit XMLUnit ServletUnit EasyMock and more **JUnit Recipes** Joe B. Rainsberger, Scott Stirling, 2004 Provides information on issues arising from testing J2EE applications covering such topics as servlets EJBs database code and HTMLUnit **Practices of an Agile Developer** Venkat Subramaniam, Andy

Hunt, 2006-04-04 These are the proven effective agile practices that will make you a better developer You ll learn pragmatic ways of approaching the development process and your personal coding techniques You ll learn about your own attitudes issues with working on a team and how to best manage your learning all in an iterative incremental agile style You ll see how to apply each practice and what benefits you can expect Bottom line This book will make you a better developer **Clean Craftsmanship** Robert C. Martin, 2021-09-16 How to Write Code You re Proud of Every Single Day A timely and humble reminder of the ever increasing complexity of our programmatic world and how we owe it to the legacy of humankind and to ourselves to practice ethical development Take your time reading Clean Craftsmanship Keep this book on your go to bookshelf Let this book be your old friend your Uncle Bob your guide as you make your way through this world with curiosity and courage From the Foreword by Stacia Heimgartner Viscardi CST Agile Mentor In Clean Craftsmanship the legendary

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Patterns of Agile Practice Adoption Amr Elssamadisy,2007-06 As more and more people move towards adoption of Agile practices they are looking for guidance and advice on how to adopt Agile successfully Unfortunately many of the questions they have such as Where do I start What specific practices should I adopt How can I adopt incrementally and Where can I expect pitfalls are not adequately addressed This book answers these questions by guiding the reader on crafting their own adoption strategy focused on their business values and environment This strategy is then directly tied to patterns of agile practice adoption that describe how many teams have successfully and unsuccessfully adopted them Business values are also a component of these patterns so your adoption is always focused on addressing your particular environment

Agile Adoption Patterns Amr Elssamadisy,2008-06-27 Proven Patterns and Techniques for Succeeding with Agile in Your Organization Agile methods promise to help you create software that delivers far more business value and do it faster at lower cost and with less pain However many organizations struggle with implementation and leveraging these methods to their full benefit In this book Amr Elssamadisy identifies the powerful lessons that have been learned about successfully moving to agile and distills them into 30 proven agile adoption patterns Elssamadisy walks you through the process of defining your optimal agile adoption strategy with case studies and hands on exercises that illuminate the key points He systematically examines the most common obstacles to agile implementation identifying proven solutions You ll learn where to start how to choose the best agile practices for your business and technical environment and how to adopt agility incrementally building on steadily growing success

Agile Testing Lisa Crispin,Janet Gregory,2009 Crispin and Gregory define agile testing and illustrate the tester s role with examples from real agile teams They teach you how to use

the agile testing quadrants to identify what testing is needed who should do it and what tools might help The book chronicles an agile software development iteration from the viewpoint of a tester and explains the seven key success factors of agile testing

The Agile Testing Collection Janet Gregory, Lisa Crispin, 2015-06-22 A Comprehensive Collection of Agile Testing Best Practices Two Definitive Guides from Leading Pioneers Janet Gregory and Lisa Crispin haven't just pioneered agile testing they have also written two of the field's most valuable guidebooks Now you can get both guides in one indispensable eBook collection today's must-have resource for all agile testers teams managers and customers Combining comprehensive best practices and wisdom contained in these two titles *The Agile Testing Collection* will help you adapt agile testing to your environment systematically improve your skills and processes and strengthen engagement across your entire development team The first title *Agile Testing A Practical Guide for Testers and Agile Teams* defines the agile testing discipline and roles and helps you choose organize and use the tools that will help you the most Writing from the tester's viewpoint Gregory and Crispin chronicle an entire agile software development iteration and identify and explain seven key success factors of agile testing The second title *More Agile Testing Learning Journeys for the Whole Team* addresses crucial emerging issues shares evolved practices and covers key issues that delivery teams want to learn more about It offers powerful new insights into continuous improvement scaling agile testing across teams and the enterprise overcoming pitfalls of automation testing in regulated environments integrating DevOps practices and testing mobile embedded and business intelligence systems *The Agile Testing Collection* will help you do all this and much more Customize agile testing processes to your needs and successfully transition to them Organize agile teams clarify roles hire new testers and quickly bring them up to speed Engage testers in agile development and help agile team members improve their testing skills Use tests and collaborate with business experts to plan features and guide development Design automated tests for superior reliability and easier maintenance Plan just enough balancing small increments with larger feature sets and the entire system Test to identify and mitigate risks and prevent future defects Perform exploratory testing using personas tours and test charters with session and thread-based techniques Help testers developers and operations experts collaborate on shortening feedback cycles with continuous integration and delivery Both guides in this collection are thoroughly grounded in the authors' extensive experience and supported by examples from actual projects Now with both books integrated into a single easily searchable and cross-linked eBook you can learn from their experience even more easily

Programming Groovy 2 Venkat Subramaniam, 2013-07-15 Groovy brings you the best of both worlds a flexible highly productive agile dynamic language that runs on the rich framework of the Java Platform Groovy preserves the Java semantics and extends the JDK to give you true dynamic language capabilities *Programming Groovy 2* will help you the experienced Java developer learn and take advantage of the latest version of this rich dynamic language You'll go from the basics of Groovy to the latest advances in the language including options for type checking tail call and memoization optimizations compile-time metaprogramming and fluent

interfaces to create DSLs You don't have to leave the rich Java Platform to take advantage of Groovy Groovy preserves Java's semantics and extends the JDK so programming in Groovy feels like the Java language has been augmented it's like working with a lighter more elegant Java If you're an experienced Java developer who wants to learn how Groovy works you'll find exactly what you need in this book You'll start with the fundamentals of programming in Groovy and how it works with Java and then you'll explore advanced concepts such as unit testing with mock objects using Builders working with databases and XML and creating DSLs You'll master Groovy's powerful yet complex run time and compile time metaprogramming features Much has evolved in the Groovy language since the publication of the first edition of Programming Groovy Programming Groovy 2 will help you learn and apply Groovy's new features Creating DSLs is easier now and Groovy's already powerful metaprogramming facilities have improved even more You'll see how to work with closures including tail call optimization and memoization The book also covers Groovy's new static compilation feature Whether you're learning the basics of the language or interested in getting proficient with the new features Programming Groovy 2 has you covered What You Need To work on the examples in the book you need Groovy 2.0.5 and Java JDK 5 or higher

The Art of Agile Development James Shore, Shane Warden, 2008 For those considering Extreme Programming this book provides no nonsense advice on agile planning development delivery and management taken from the authors many years of experience While plenty of books address the what and why of agile development very few offer the information users can apply directly

[Ajax Black Book, New Edition \(With Cd\)](#) Kogent Solutions Inc., 2008-05 This book discusses what Ajax is and what it means to Web developers as well as the technologies behind Ajax applications Working through this book you'll discover how Ajax gives web developers the ability to build applications that are more interactive more dynamic more exciting and enjoyable for their users This book shows you how to write some basic applications that use client side JavaScript to request information from a Server side component and display it without doing a full page reload This book teaches you how to create applications according to Ajax principles It also presents several strategies for communicating between the client and the server including sending raw data and using XML or JSON JavaScript Object Notation for sending more complex collections of data AJAX A New Approach Understanding JavaScript for AJAX Asynchronous data transfer with XMLHttpRequest Implementing AJAX Frameworks Implementing Yahoo UI Library Implementing Google Web Toolkit Creating Maps in AJAX Creating ASP.NET AJAX Application Integrating PHP and AJAX Integrating AJAX with JSF Integrating AJAX with Struts Faster data transfer with JSON in AJAX Understanding AJAX Patterns Consuming Web Services in AJAX Securing AJAX Applications Debugging the AJAX Application

Struts 2 Black Book (Second Edition) w/CD Kogent Solutions Inc., 2008-07 Struts 2 Black Book brings to you a detailed discussion on Web application development by using Struts 2 Framework Targeting beginner to advance level readers this book begins with an introduction to Struts 2 and describes its evolutions as a new Web Application Framework It covers various concepts supported by Struts 2 such as Interceptors Results Validators Generic and UI Tags and

Plugins The book also describes the benefits of these concepts and different ways of implementing them In addition the book discusses various components created and configured in Struts 2 Framework based web application The book also covers the architecture and implementation changed in Struts 2 from Struts 1 The book describes the process of migrating a Struts 1 application to a Struts 2 based application and a lot more **The Publishers Weekly** ,2004 *American Book Publishing Record* ,2003 **JUnit 5** Havelka Arnošt,Pecinovský Rudolf,2018-10-30 Nez le na tom jestli je jednotkov testov n v denn chleba nebo zda se jako program to i s touto problematikou teprve seznamujete p ru ku v novanou obl ben mu frameworku JUnit 5 toti ocen te v ka d m p pad The British National Bibliography Arthur James Wells,2005 **POJOs in Action** Chris Richardson,2006-02-02 The standard platform for enterprise application development has been EJB but the difficulties of working with it caused it to become unpopular They also gave rise to lightweight technologies such as Hibernate Spring JDO iBATIS and others all of which allow the developer to work directly with the simpler POJOs Now EJB version 3 solves the problems that gave EJB 2 a black eye it too works with POJOs POJOs in Action describes the new easier ways to develop enterprise Java applications It describes how to make key design decisions when developing business logic using POJOs including how to organize and encapsulate the business logic access the database manage transactions and handle database concurrency This book is a new generation Java applications guide it enables readers to successfully build lightweight applications that are easier to develop test and maintain **La artesanía del código limpio** Robert C. Martin,2022-02-17 C mo escribir c digo del que se sienta orgulloso todos los d as En La artesan a del c digo limpio el legendario Robert C Martin Uncle Bob ha escrito los principios que definen la profesi n y el arte del desarrollo de software Uncle Bob re ne las disciplinas los est ndares y la tica que necesita para entregar un software s lido y efectivo y para estar orgulloso de todo el software que escribe Robert Martin el autor de los best sellers C digo limpio El limpiador de c digo Arquitectura limpia y Desarrollo gil esencial ofrece una perspectiva pragm tica t cnica y prescriptiva de las disciplinas que forman los cimientos de la artesan a de software Explica los est ndares mostrando c mo las expectativas que el mundo tiene sobre los desarrolladores difieren a menudo de las que tienen ellos mismos y nos ayuda a sincronizarlas Bob termina con la tica de la profesi n del programador describiendo las promesas fundamentales que todos los desarrolladores deber an hacer a sus colegas a sus usuarios y sobre todo a s mismos Con las aportaciones de Uncle Bob todos los programadores y sus directores pueden entregar de manera consistente c digo que genera confianza en vez de socavarla confianza entre los usuarios y entre las sociedades que dependen del software para su supervivencia Avanzar hacia la Estrella Polar de la verdadera artesan a de software el estado de saber c mo programar bien Orientaci n pr ctica y espec fica para aplicar cinco disciplinas esenciales desarrollo guiado por pruebas refactorizaci n dise o simple programaci n colaborativa y pruebas de aceptaci n C mo los desarrolladores y los equipos pueden fomentar la productividad la calidad y el valor El verdadero significado de la integridad y el trabajo en equipo entre programadores y diez promesas espec ficas que todo profesional del software deber a hacer **Java quality**

programming. I migliori consigli per scrivere codice di qualità Luca Vetti Tagliati, 2008

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